

**C/CAG**  
**City/County Association of Governments**  
**of San Mateo County**

**VTa**  
**Santa Clara Valley Transportation Authority**

**Ta**  
**San Mateo County Transportation Authority**

**2020 Peninsula Gateway Corridor Study**  
**Technical Advisory Committee**

**DATE:** Wednesday, May 7, 2008  
**TIME:** 2:00 P.M.  
**PLACE:** Menlo Park City Hall  
1<sup>st</sup> Floor Council Conference Room  
701 Laurel Street, Menlo Park, CA

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- 1. Introductions**
- 2. Further comments on the draft report**
- 3. Action Plan\***  
*(The Action Plan recaps recommendations, categorization, project cost, potential funding, etc)*
- 4. 2020 Project Fact Sheet\*\***  
*(The project fact sheet is to be used for outreach)*
- 5. Schedule next meeting for June 4, 2008**
- 6. Adjourn.**

\* Attachment

\*\* Handout at Meeting

**CATEGORY 2 - PROJECT DEVELOPMENT, CONSTRUCTION, IMPLEMENTATION (Near-Term Improvements: 0 to 5 Years)**

No.	Type/Location	Potential Improvements	City	Comments	Implementation Cost	Potential Funding Source (*)	Schedule				Notes
							Immediate	Within 5 Years	Between 5 to 10 Years	Longer than 10 Years	
1	Complementary ITS	Install traffic signal interconnect/communications infrastructure between Middlefield Road and 101 (XX)	All	Project limits would be between Shoreline and Woodside. Scope would include installing infrastructure (e.g., conduits).	\$10M (SM Co) / \$TBD (SC Co)	\$4M (STIP), \$3M (Federal Earmark), \$187,500 (C/CAG, TA), \$125K (VTA), \$378K (Fed)	X				Santa Clara County segment for Smart Corridors needs to be defined and funded
	Complementary ITS	Install trailblazers and/or arterial CMS to provide route guidance information (ZZ)	All	This project can be tied to Incident Management and can be considered part of "AAA". Also, can be tied to the San Mateo Smart Corridors - Seg 3							
	Complementary ITS	Prepare Incident Management and Traveler Information Plan for Corridor (AAA)	All	Part of proposed Bi-County Smart Corridors (would include AAA, BBB, XX, ZZ)							
	Other Potential Improvements	Study the possible designation of East Bayshore (San Antonio to University) as a reliever route to provide congestion relief for incident management on Route 101: Improve operations at intersections; Install directional signage (BBB)	PA, EPA	Focus on "incident management" therefore can be considered as part of "AAA"							
2	Willow Road	Signal Timing during peak travel periods: -Consider adaptive or responsive operation; -Install vehicle detection (Q)	EPA, MP	Project limits from Middlefield to Bayfront. Menlo Park currently have a \$2M project for adaptive traffic signals	\$2M	\$500K (MP), \$1.5M (STIP)	X				
3	Willow Road	Prohibit left turns during peak travel periods (R)	EPA, MP	Five (5) intersections to be affected	\$100K	SB 348		X			SB 348 (VLF) Pending in legislature
4	Willow Road	Exit/Entrance Right Turn pockets on Willow (T)	EPA, MP	Five (5) intersections to be affected. Cost includes design/construction. Approx. \$200K per intersection.	\$1M	SB 348, MP		X			
5	University Ave	Signal Timing during peak travel periods: Consider adaptive or responsive operation; -Install vehicle detection (HH)	EPA	Project limits from US 101 to SR 84	\$1M	\$500K (TA), \$250K (MTC), 250K(C/CAG)	X				
6	University Ave	Prohibit left turns during peak travel periods (II)	EPA	Seven (7) intersections to be affected	\$200K	SB 348, EPA		X			
7	University Ave	Entrance/Exit Right Turn pockets on University (KK)	EPA	Seven (7) intersections to be affected. Cost includes design/construction. Approx. \$200K per intersection.	\$1.4M	SB 348, EPA		X			
8	Other Potential Improvements	Improve 101/ University interchange: -Construct southbound direct-connect off-ramp; Improve on-off connections for northbound traffic (CCC Short-term improvements)	PA, EPA	Include "Phase 2" of interchange improvement, considerations for bike/ped facility. <b>This project is split up into short-term and long-term strategies</b>	\$5M	STIP, SB 348, EPA		X			
9	Other Potential Improvements	Define residential traffic management elements that mitigate high priority capital improvements (DDD)	EPA, All	Local streets. Any improvements would be part of capital improvement project. Nothing needs to be done now.	TBD	\$1M (EPA), Source of major capital project		X			\$1M Programmed in RTP by EPA for bike/ped structure (not considered in 2020 Study)

\* Potential funding sources includes: San Mateo County Congestion Relief Program, State Transportation Improvement Program (STIP), AB 1546/SB348 (Vehicle License Fee), Federal funds, Measure A, Bond, etc

NOTE: Need to work with cities to define specific projects

**CATEGORY 3 - ADDITIONAL ENGINEERING ANALYSIS / PRELIMINARY ENGINEERING (Longer than 5 Years) (\*\*)**

No.	Type/Location	Potential Improvements	City	Comments	Implementation Cost	Potential Funding Source (*)	Schedule				Notes
							Immediate	Within 5 Years	Between 5 to 10 Years	Longer than 10 Years	
1	Hwy 101	Reconstruct Embarcadero/ Oregon interchange. Include considerations for Bicycle/Pedestrian lanes (B)	MV, PA		TBD					X	PAC Referral or TAC Study
2	Hwy 101	Reconstruct San Antonio interchange ( C)	MV, PA	Mt. View doesn't want to eliminate ramp	TBD					X	Benefit/Cost (B/C) ratio from Study; PAC referral orTAC Study
3	Dumbarton Bridge to Hwy 101	Grade separations at Bayfront/Willow and Bayfront/University (H)	EPA, MP	Consider both together and separate	TBD					X	B/C ratio from Study
4	Dumbarton Bridge to Hwy 101	Construct direct flyover connection between Bayfront/ Marsh and 101 north of Marsh (J)	MP, RWC		TBD					X	PAC Selection
5	Willow Road	Depressed expressway: 2 lanes each direction; 1 lane each direction; Reversible 2 lanes; 3 lanes with reversible middle lane (DD1-DD4)	EPA, MP	Similar to Project TT on University Ave. (Includes DD, FF, GG)	TBD					X	B/C Ratio from Study; PAC Selection
	Willow Road	Tunnel Expressway (maintain existing facility at grade) (FF)	EPA, MP		TBD						
	Willow Road	Modified depressed Expressway (surface frontage roads cantilevered inboard to minimize frontage impacts) (GG)	EPA, MP		TBD						
6	University Ave	Depressed expressway: 2 lanes each direction; 1 lane each direction; Reversible 2 lanes; 3 lanes with reversible middle lane (TT1-TT4)	EPA	Similar to Project DD on Willow Road. (Includes TT, VV, WW)	TBD					X	
	University Ave	Tunnel Expressway, (maintain existing facility at grade) (VV)	EPA		TBD					X	
	University Ave	Modified depressed Expressway (surface frontage roads cantilevered inboard to minimize frontage impacts) (WW)	EPA		TBD					X	
7	Other Potential Improvements	Improve 101/ University interchange: Eastside <b>(CCC Long-term improvements)</b>	PA, EPA	Eastside of freeway; include "Phase 2" of interchange improvement, considerations for bike/ped facility. (Added to category 3)	\$5M					X	

\*\* Key in Category 3 is to do a good cost/benefit analysis to establish the best projects and priorities